846

Inventory Inquiry/Advice

Functional Group= B

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Federal Note:

- 1. Organizations use this transaction set to notify the distribution depot that ownership of stored wholesale assets has changed, to request asset information, and to report asset information.
- 2. Use one occurrence of this transaction set to transmit a single or multiple transactions.
- 3. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: http://www.dla.mil/j-6/dlmso. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

- 1. Losing Item Mangers (LIMs) use this transaction set to notify the distribution depot that ownership of stored wholesale assets has transferred to the Gaining Item Manger (GIM) and to request asset information. Distribution depots use this transaction set to report asset information to the LIM. This transaction encompasses the functionality of MILSTRAP Document Identifier (DI) Codes DZC and DZD.
- 2. Use a single occurrence of this transaction set to exchange transactions between a single LIM and a single or multiple distribution depots, or between a single distribution depot and a single or multiple LIMs.
- 3. DLSS functionality allows for Service and Agency data in various RP(s). Data conveyed therein will require Service or Agency identification to DLMSO and incorporation into the DLMS.
- 4. Users operating under the Defense Logistics Management system (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table, Transportation Mode of Shipment Conversion Table and the Accounting Classification Appendix which can be found on the Defense Logistics Management Standards Office (DLMSO) web site at http://www.dla.mil/j-6/dlmso.
- 5. This DLMS Supplement contains:
- a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DLMSO prior to use.
- b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.
- c. Defense Logistics Standard System (DLSS) data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLMSO for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.
- d. Data elements which have an expanded files size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLMSO prior to use.
- e. Repetition of data using multiple iteration or loops is not compatible with existing DLSS capability. Although supported by the ANSI X12 standard, such data is not compatible with DLSS/DLMS conversion and may not be supported by the recipient's automated processing system. Components must coordinate implementation of enhanced capability with DLMSO prior to use.
- 6. This DLMS supplement (DS) incorporates Proposed DLMS Change (PDC) and Approved DLMS Change (ADC) listed. PDC/ADCs are available from the DLMSO website: http://www.dla.mil/j-6/dlmso/changes.
- ADC 66, Revision of DS 846S, Logistics Reassignment Storage Transfer Order/Reply
- ADC 77, Air Force Unique Management Coding for Material Management Aggregation Code.
- ADC 151, Administrative Revisions to DLMS Supplement 846L, Logistics Asset Support and 846S, Logistics Reassignment Storage Transfer/Order/Reply (Supply)
- ADC 260, Revise DLMS and MILSTRAP to Support Intra-Army Logistics Reassignment (LR) Requirement, DLMS Supplement (DS) 846D and DS 846S LR Transactions (Supply/MILSTRAP)

Heading:

| <u>Pos</u> | <u>ld</u> | Segment Name | Req | Max Use | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> |
|------------|-----------|---------------------------------|-----|---------|---------------|--------------|--------------|
| 010 | ST | Transaction Set Header | M | 1 | | | Must use |
| 020 | BIA | Beginning Segment for Inventory | M | 1 | | | Must use |

004010F846S2SA02 1 November 27, 2007

| DLMS Supplement to Federal IC 8 | 46S Logistics | Reassignment St | orage Information | Order/Reply |
|---------------------------------|---------------|-----------------|-------------------|-------------|
| | | | | |

ADC 66, 77, 151 and 260

DoD 4000.25-M

| <u>Pos</u> | <u>ld</u> | Segment Name Inquiry/Advice | Req | Max Use | Repeat | <u>Notes</u> | <u>Usage</u> |
|------------|-----------|---------------------------------------|-----|---------|-----------|--------------|--------------|
| * 040 | CUR | Currency | 0 | 1 | | | Not Used |
| * 050 | DTM | Date/Time Reference | 0 | 10 | | | Not Used |
| * 060 | REF | Reference Identification | 0 | 12 | | | Not Used |
| * 070 | PER | Administrative Communications Contact | 0 | 3 | | | Not Used |
| * 075 | MEA | Measurements | 0 | 20 | | | Not Used |
| LOOP ID - | <u>N1</u> | | | | <u>5</u> | | |
| 080 | N1 | Name | 0 | 1 | | | Used |
| * 090 | N2 | Additional Name Information | 0 | 2 | | | Not Used |
| * 100 | N3 | Address Information | 0 | 2 | | | Not Used |
| * 110 | N4 | Geographic Location | 0 | 1 | | | Not Used |
| * 120 | REF | Reference Identification | 0 | 12 | | | Not Used |
| * 130 | PER | Administrative Communications Contact | 0 | 3 | | | Not Used |
| LOOP ID - | <u>LM</u> | | | | <u>10</u> | | |
| 140 | LM | Code Source Information | 0 | 1 | | | Used |
| 150 | LQ | Industry Code | М | 100 | | | Must use |

Detail:

| <u>Pos</u> | <u>ld</u> | Segment Name | Req | Max Use | Repeat | <u>Notes</u> | <u>Usage</u> |
|------------|-------------|--|-----|---------|--------------|--------------|--------------|
| LOOP ID - | <u>LIN</u> | | | | <u>10000</u> | | |
| 010 | LIN | Item Identification | M | 1 | | | Must use |
| * 030 | PID | Product/Item Description | 0 | 200 | | | Not Used |
| * 040 | MEA | Measurements | 0 | 40 | | | Not Used |
| * 050 | PKG | Marking, Packaging, Loading | 0 | 25 | | | Not Used |
| 100 | DTM | Date/Time Reference | 0 | 10 | | | Used |
| * 110 | CTP | Pricing Information | 0 | 25 | | | Not Used |
| * 120 | CUR | Currency | 0 | 1 | | | Not Used |
| * 130 | SAC | Service, Promotion, Allowance, or Charge Information | 0 | 25 | | | Not Used |
| 140 | REF | Reference Identification | 0 | >1 | | | Used |
| * 150 | PER | Administrative Communications Contact | 0 | 3 | | | Not Used |
| * 220 | SDQ | Destination Quantity | 0 | 500 | | | Not Used |
| * 230 | MAN | Marks and Numbers | 0 | 1 | | | Not Used |
| * 235 | UIT | Unit Detail | 0 | 5 | | | Not Used |
| * 240 | CS | Contract Summary | 0 | 1 | | | Not Used |
| * 250 | DD | Demand Detail | 0 | >1 | | | Not Used |
| * 255 | G53 | Maintenance Type | 0 | 1 | | | Not Used |
| * 256 | PCT | Percent Amounts | 0 | >1 | | | Not Used |
| * 257 | LDT | Lead Time | 0 | 12 | | | Not Used |
| * LOOP ID | <u>- LM</u> | | | | <u>10</u> | | |
| * 260 | LM | Code Source Information | 0 | 1 | | | Not Used |
| * 270 | LQ | Industry Code | M | 100 | | | Not Used |
| * LOOP ID | - SLN | | | | <u>1000</u> | | |
| * 280 | SLN | Subline Item Detail | 0 | 1 | | | Not Used |
| * 290 | PID | Product/Item Description | 0 | 200 | | | Not Used |
| * 300 | MEA | Measurements | 0 | 40 | | | Not Used |
| * 310 | PKG | Marking, Packaging, Loading | 0 | 25 | | | Not Used |
| * LOOP ID | - MAN | | | | <u>100</u> | | |
| * 312 | MAN | Marks and Numbers | 0 | 1 | | | Not Used |
| * 314 | MEA | Measurements | 0 | 40 | | | Not Used |
| | | | | | | | |

| ADC 66, 77. | 151 | and 260 |
|-------------|-----|---------|
|-------------|-----|---------|

DoD 4000.25-M

| <u>Pos</u> | <u>ld</u> | Segment Name | Req | Max Use | Repeat | <u>Notes</u> | <u>Usage</u> | |
|--------------|------------|---------------------------------------|-----|---------|--------------|--------------|--------------|--|
| LOOP ID - 0 | <u>YTÇ</u> | | | | 99 | | | |
| 320 | QTY | Quantity | 0 | 1 | | | Used | |
| * 330 | UIT | Unit Detail | 0 | 12 | | | Not Used | |
| * 340 | MEA | Measurements | 0 | 25 | | | Not Used | |
| * 350 | LDT | Lead Time | 0 | 12 | | | Not Used | |
| * 355 | DTM | Date/Time Reference | 0 | 10 | | | Not Used | |
| * LOOP ID - | SCH | | | | <u>25</u> | | | |
| * 360 | SCH | Line Item Schedule | 0 | 1 | | | Not Used | |
| * 370 | MEA | Measurements | 0 | 25 | | | Not Used | |
| LOOP ID - I | <u>_M</u> | | | | <u>>1</u> | | | |
| 375 | LM | Code Source Information | 0 | 1 | _ | | Used | |
| 376 | LQ | Industry Code | М | 100 | | | Must use | |
| * I OOP ID . | | | | | | | | |
| * 380 | LS | Loop Header | 0 | 1 | 1 | | Not Used | |
| * LOOP ID - | | Loop Headel | | | <u>>1</u> | N2/390L | Not Osed | |
| * 390 | REF | Reference Identification | 0 | 1 | <u> 21</u> | N2/390 | Not Used | |
| * 400 | DTM | Date/Time Reference | 0 | >1 | | 112/390 | Not Used | |
| * 410 | N1 | Name | 0 | 1 | | | Not Used | |
| * LOOP ID - | | Name | | | <u>10</u> | | Not Osed | |
| * 420 | LM | Code Source Information | 0 | 1 | <u></u> | | Not Used | |
| * 430 | LQ | Industry Code | M | 100 | | | Not Used | |
| * 440 | LE | Loop Trailer | M | 1 | | | Not Used | |
| LOOP ID - I | | | | | 200 | - | | |
| 450 | N1 | Name | 0 | 1 | <u>200</u> | | Used | |
| * 460 | N2 | Additional Name Information | 0 | 2 | | | Not Used | |
| * 470 | N2 N3 | Address Information | 0 | 2 | | | Not Used | |
| * 480 | N3 N4 | Geographic Location | 0 | 1 | | | Not Used | |
| * 490 | REF | Reference Identification | 0 | 1 12 | | | Not Used | |
| * 500 | PER | Administrative Communications Contact | 0 | 3 | | | Not Used | |

Summary:

| <u>Pos</u> | <u>ld</u> | Segment Name | <u>Req</u> | Max Use | <u>Repeat</u> | <u>Notes</u> | <u>Usage</u> |
|------------|-----------|-------------------------|------------|---------|---------------|--------------|--------------|
| * 010 | CTT | Transaction Totals | 0 | 1 | | N3/010 | Not Used |
| 020 | SE | Transaction Set Trailer | M | 1 | | | Must use |

Notes:

2/390L The REF loop conveys serial number, lot number, and inventory data.

2/390 The REF loop conveys serial number, lot number, and inventory data.

3/010 Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values

of the quantities (QTY02) of each QTY segment.

Transaction Set Header

Pos: 010 Max: 1
Heading - Mandatory
Loop: N/A Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

| <u>Ref</u> ST01 | <u>ld</u> 143 | Element Name Transaction Set Identifier Code | <u>Req</u> M | <u>Type</u> ID | Min/Max 3/3 | <u>Usage</u> Must use | <u>Rep</u> 1 |
|--------------------|------------------|---|-----------------|-------------------|----------------|--------------------------|-----------------|
| | | Description: Code uniquely identifying a Transaction Set | | | | | |
| | | Code Name846 Inventory Inquiry/Advice | | | | | |
| ST02 | 329 | Transaction Set Control Number | М | AN | 4/9 | Must use | 1 |
| | | Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | | | |
| | | Federal Note: A unique number assigned by the originator of the | | | | | |
| | | transaction set, or the originator's application program. | | | | | |

BIA Beginning Segment for Inventory Inquiry/Advice

Pos: 020 Max: 1

Heading - Mandatory

Loop: N/A Elements: 5

User Option (Usage): Must use

Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

Semantics:

- 1. BIA03 identifies the number of the inquiry/advice that is transferred.
- 2. BIA04 identifies the date of the inquiry/advice that is transferred.
- 3. BIA05 identifies the time of the inquiry/advice that is transferred.

Element Summary:

| <u>Ref</u> BIA01 | <u>ld</u> 353 | Element Name Transaction Set Purpose Code | <u>Req</u> M | <u>Type</u> ID | Min/Max 2/2 | <u>Usage</u> Must use | <u>Rep</u> 1 | | | | |
|---------------------|------------------|---|---|-------------------|----------------------|--------------------------|-----------------|--|--|--|--|
| | | Description: Code identifying purpose of transaction set | | | | | | | | | |
| | | CodeName00Original77Simulation Exercise | | | | | | | | | |
| | | DLMS Note: Use to identify a simulated mobilization exercises must ensure complete cooruse extreme caution to ensure that in affect accountable records. | rdination with | all activitie | es involved. All tra | nsaction set recipier | nts must | | | | |
| BIA02 | 755 | Report Type Code | М | ID | 2/2 | Must use | 1 | | | | |
| | | Description: Code indicating the title or contents of a document, report or supporting item | | | | | | | | | |
| | | Code Name | | | | | | | | | |
| | | PK Storage Information Inquiry | | | | | | | | | |
| | | DLMS Note: Use to identify a Logistics Reassignn | nent (I.R.) Sto | rage Inforn | nation Order (MI | I STRAP DI Code D | 7C | | | | |
| | | functionality.) | | | | | | | | | |
| | | TQ Storage Information Advice | | | | | | | | | |
| | | DLMS Note: | | | | | | | | | |
| | | Use to identify an LR Storage Information | ation Reply. | (MILSTRAI | P DI Code DZD fu | unctionality.) | | | | | |
| BIA03 | 127 | Reference Identification | М | AN | 1/30 | Must use | 1 | | | | |
| | | Description: Reference information as define for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | | | | | |
| | | Federal Note: Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements. | | | | | | | | | |
| BIA04 | 373 | Date | М | DT | 8/8 | Must use | 1 | | | | |
| | | Description: Date expressed as CCYYMMDI Federal Note: This date is the date of transaction set preparation. This date corresponds to the Universal Time Coordinate (UTC). | | | | | | | | | |
| | | DLMS | DLMS Note: DLMS enhancement; see introductory DLMS note 5a. | | | | | | | | |

004010F846S2SA02 5 November 27, 2007

ADC 66, 77, 151 and 260

DoD 4000.25-M

<u>Ref</u> ld **Element Name** Req **Type** Min/Max <u>Usage</u> Rep BIA05 337 0 TM 4/8 Used Time 1

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Federal Note: 1. Express the originating activity's time of transaction set preparation in UTC.

2. Express time in a four-position (HHMM) format.

DLMS Note: *DLMS enhancement;* see *introductory DLMS note 5a.*

N1 Name

Pos: 080 Max: 1

Heading - Optional

Loop: N1 Elements: 4

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

- 1. R0203 At least one of N102 or N103 is required.
- 2. P0304 If either N103 or N104 is present, then the other is required.

Comments:

- 1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2. N105 and N106 further define the type of entity in N101.

Federal Note:

Must use the 1/N1/080 loop to identify the organization originating the transaction set.

| Ref | <u>ld</u> | | Rep | | | | | | | |
|------|-----------|--|--|--|--|--|--|--|--|--|
| N101 | 98 | Element Name Req Type Min/Max Usage Entity Identifier Code M ID 2/3 Must use | <u>кер</u> 1 | | | | | | | |
| NIOI | 90 | Description: Code identifying an organizational entity, a physical location, property or an individual | ' | | | | | | | |
| | | Federal Note: Use any code. | | | | | | | | |
| | | DLMS Note: 1. Use only one of code SB or ZN.2. For DLMS use, only the following codes are | | | | | | | | |
| | | authorized. | | | | | | | | |
| | | CodeNameSBStorage Area | | | | | | | | |
| | | DLMS Note: | | | | | | | | |
| | | Use to identify a depot or other storage activity. | | | | | | | | |
| | | ZN Losing Inventory Manager | | | | | | | | |
| N103 | 66 | Identification Code QualifierXID1/2Used | 1 | | | | | | | |
| | | Description: Code designating the system/method of code structure used for Identification Code (67) | | | | | | | | |
| | | Code Name | | | | | | | | |
| | | 1 D-U-N-S Number, Dun & Bradstreet | | | | | | | | |
| | | DLMS Note: | | | | | | | | |
| | | DLMS enhancement; see introductory DLMS note 5a. | | | | | | | | |
| | | 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix | | | | | | | | |
| | | DLMS Note: | | | | | | | | |
| | | DLMS enhancement; see introductory DLMS note 5a. | | | | | | | | |
| | | 10 Department of Defense Activity Address Code (DODAAC) | | | | | | | | |
| | | DLMS Note: | DLMS Note: | | | | | | | |
| | | DLMS enhancement; see introductory DLMS note 5a. | DLMS enhancement; see introductory DLMS note 5a. | | | | | | | |
| | | M4 Department of Defense Routing Identifier Code (RIC) | | | | | | | | |
| | | DLMS Note: | | | | | | | | |
| | | 1. Future Streamlined data; see introductory DLMS note 5c. | | | | | | | | |

Code Name

2. The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier.

| N104 | 67 | Identification Code | Χ | AN | 2/80 | Used | 1 |
|------|----|--|---|----|------|------|---|
| | | Description: Code identifying a party or other code | | | | | |
| N106 | 98 | Entity Identifier Code | 0 | ID | 2/3 | Used | 1 |

Description: Code identifying an organizational entity, a physical location, property or an individual

Code Name

FR Message From

Federal Note:

Must use with the appropriate 1/N101/080 code to indicate the organization cited in N104 is originating the transaction set.

Code Source Information

Pos: 140 Max: 1

Heading - Optional

Loop: LM Elements: 1

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Federal Note:

Must use this 1/LM/140 loop to identify coded information used in department or agency documentation.

Element Summary:

| <u>Ref</u> | <u>ld</u> | Element Name | <u>Req</u> | <u>Type</u> | Min/Max | <u>Usage</u> | <u>Rep</u> |
|------------|-----------|-----------------------|------------|-------------|---------|--------------|------------|
| LM01 | 559 | Agency Qualifier Code | M | ID | 2/2 | Must use | 1 |

Description: Code identifying the agency

assigning the code values

Code Name

DF Department of Defense (DoD)

Loop: LM

Elements: 2

LQ Industry Code

Pos: 150 Max: 100 Heading - Mandatory

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Federal Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

| Ref | <u>ld</u> | Element Name | <u>Req</u> | Type | Min/Max | <u>Usage</u> | <u>Rep</u> |
|------|-----------|--------------------------|------------|-------------|---------|--------------|------------|
| LQ01 | 1270 | Code List Qualifier Code | 0 | ID | 1/3 | Used | 1 |

Description: Code identifying a specific

industry code list

Federal Note: Use any code.

DLMS Note: For DLMS use, only the following

codes are authorized.

Code Name

0 Document Identification Code

DLMS Note:

- 1. Future Streamlined data; see introductory DLMS note 5c.
- 2. The DLSS DI Code is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the DI Code in a full DLMS environment will be assessed at a future date.
- A9 Supplemental Data

DLMS Note:

- 1. Use to identify supplemental address/data.
- 2. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the DLSS Supplemental Address (SUPAAD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 5d.
- 3. Expanded use of this field for supplemental data with out size restriction is a DLMS enhancement; see introductory DLMS note 5a.
- 4. Under full DLMS, the requirement to pass activity address information within the supplement data field will be streamlined. Activity address data previously contained in the SUPAAD will be reflected exclusively in the N1 segment. Future streamlined data; see introductory DLMS note 5c.
- AJ Utilization Code

DLMS Note:

- 1. Under DLSS, this is the first position of the document serial number.
- 2. DLMS enhancement; see introductory DLMS note 5a.

LQ02 1271 Industry Code X AN 1/30 Used 1

Description: Code indicating a code from a

specific industry code list

LIN Item Identification

Pos: 010 Max: 1
Detail - Mandatory

Loop: LIN Elements: 4

User Option (Usage): Must use

Purpose: To specify basic item identification data

Syntax Rules:

- 1. P0405 If either LIN04 or LIN05 is present, then the other is required.
- 2. P0607 If either LIN06 or LIN07 is present, then the other is required.
- 3. P0809 If either LIN08 or LIN09 is present, then the other is required.
- 4. P1011 If either LIN10 or LIN11 is present, then the other is required.
- 5. P1213 If either LIN12 or LIN13 is present, then the other is required.
- 6. P1415 If either LIN14 or LIN15 is present, then the other is required.
- 7. P1617 If either LIN16 or LIN17 is present, then the other is required.
- 8. P1819 If either LIN18 or LIN19 is present, then the other is required.
- 9. P2021 If either LIN20 or LIN21 is present, then the other is required.
- 10. P2223 If either LIN22 or LIN23 is present, then the other is required.
- 11. P2425 If either LIN24 or LIN25 is present, then the other is required.
- 12. P2627 If either LIN26 or LIN27 is present, then the other is required.
- 13. P2829 If either LIN28 or LIN29 is present, then the other is required.
- 14. P3031 If either LIN30 or LIN31 is present, then the other is required.

DLMS Note:

Semantics:

1. LIN01 is the line item identification

Comments:

- 1. See the Data Dictionary for a complete list of IDs.
- 2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Federal Note:

Must use the 2/LIN/010 loop to identify the National Stock Number (NSN), transaction number, and inventory information.

| Ref | <u>ld</u> | Elem | ent Name | Req | Type | Min/Max | <u>Usage</u> | Rep |
|-------|-----------|--------|---|----------|--------------|---------|--------------|-----|
| LIN02 | 235 | Prod | uct/Service ID Qualifier | М | ID | 2/2 | Must use | 1 |
| | | of the | ription: Code identifying the type/source descriptive number used in uct/Service ID (234) | | | | | |
| | | Fede | ral Note: Use any code. | | | | | |
| | | | S Note: For DLMS use only the following s are authorized. | | | | | |
| | | Code | <u>Name</u> | | | | | |
| | | F4 | Series Identifier | | | | | |
| | | | DLMS Note: | | | | | |
| | | | Use to identify the manufacturer's series | number | of the end i | tem. | | |
| | | FS | National Stock Number | | | | | |
| | | MG | Manufacturer's Part Number | | | | | |
| | | MN | Model Number | | | | | |
| | | | DLMS Note: | | | | | |
| | | | Use to identify the manufacturer's mode | l number | of the end i | item. | | |
| | | SN | Serial Number | | | | | |

DLMS Note:

Product/Service ID

Use with LIN02 to uniquely identify a manufacturers part number.

Χ

ΑN

1/48

Used

Commercial and Government Entity (CAGE) Code

Description: Identifying number for a product

or service

ΖB

LIN05

234

DTM Date/Time Reference

Pos: 100 Max: 10
Detail - Optional

Loop: LIN Elements: 2

Used

1

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Syntax Rules:

- 1. R020305 At least one of DTM02, DTM03 or DTM05 is required.
- 2. C0403 If DTM04 is present, then DTM03 is required.
- 3. P0506 If either DTM05 or DTM06 is present, then the other is required.

Federal Note:

Use multiple repetitions of this segment to define unique dates associated with the transaction.

Element Summary:

| <u>Ref</u> | <u>ld</u> | Element Name | Req | <u>Type</u> | Min/Max | <u>Usage</u> | <u>Rep</u> |
|------------|-----------|---|-----|-------------|---------|--------------|------------|
| DTM01 | 374 | Date/Time Qualifier | М | ID | 3/3 | Must use | 1 |
| | | Description: Code specifying type of date or time, or both date and time | | | | | |

DLMS Note: For DLMS use only the following codes are authorized.

Code Name 007 Effective

DLMS Note:

Federal Note: Use any code.

Must use for LR storage information order transactions to identify the Effective Transfer Date (ETD); otherwise, do not use.

036 Expiration

DLMS Note:

Use for LR storage information order transactions for subsistence items to identify the expiration date; otherwise, do not use.

510 Date Packed

DLMS Note:

Use for LR storage information order transactions for subsistence items to identify the date packed; otherwise, do not use.

DTM02 373 **Date** X DT 8/8

Description: Date expressed as CCYYMMDD

Elements: 2

REF Reference Identification

Pos: 140 Max: >1
Detail - Optional

Loop: LIN

Purpose: To specify identifying information

Syntax Rules:

User Option (Usage): Used

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Federal Note:

Must use to identify the transaction number.

| Ref | <u>ld</u> | Element Name | Req | <u>Type</u> | Min/Max | <u>Usage</u> | Rep |
|-------|-----------|---|-----|-------------|---------|--------------|-----|
| REF01 | 128 | Reference Identification Qualifier | М | ID | 2/3 | Must use | 1 |
| | | Description: Code qualifying the Reference Identification | | | | | |
| | | Federal Note: Use any code. | | | | | |
| | | DLMS Note: For DLMS use only the following codes are authorized. | | | | | |
| | | Code Name | | | | | |
| | | TN Transaction Reference Number | | | | | |
| | | W8 Suffix | | | | | |
| REF02 | 127 | Reference Identification | X | AN | 1/30 | Used | 1 |
| | | Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | | | | |

QTY Quantity

Pos: 320 Max: 1
Detail - Optional

Loop: QTY Elements: 3

User Option (Usage): Used

Purpose: To specify quantity information

Syntax Rules:

1. R0204 - At least one of QTY02 or QTY04 is required.

2. E0204 - Only one of QTY02 or QTY04 may be present.

Semantics:

1. QTY04 is used when the quantity is non-numeric.

Federal Note:

Use multiple iterations of the 2/QTY/320 loop when exchanging asset status information to stratify quantities by material classification.

Element Summary:

| Ref | <u>ld</u> | Element Name | <u>Req</u> | <u>Type</u> | Min/Max | <u>Usage</u> | Rep |
|-------|-----------|--------------------|------------|-------------|---------|--------------|-----|
| QTY01 | 673 | Quantity Qualifier | M | ID | 2/2 | Must use | 1 |

Description: Code specifying the type of

quantity

Federal Note: Use any code.

DLMS Note: For DLMS use only the following

codes are authorized.

Code Name

RY Requirement Quantity

DLMS Note:

Army uses for intra-Army LR in LR storage information order transactions, to identify quantity to be transferred to the SICA to fill open requirements. The distribution depot uses in LR storage information reply transactions to identify the quantity transferred to the Army SICA. Use of this data is meaningful to Army and DLA DSS only. For intra-Army LR under DLSS, this data is cited in multiuse rp 51-55 of MILSTRAP DI Codes DZC and DZD Authorized Army/DLA DSS DLMS migration enhancement for use in intra-Army LR.

V1 Retention Quantity

DLMS Note:

Use to identify the retention quantity. For LR storage information order transactions this represents the quantity scheduled to be retained by the LIM. For LR storage information reply transactions this represents the quantity actually retained by the LIM. Do not use in reply transactions if no corresponding order transaction was received.

V2 Available Quantity

DLMS Note:

- 1. Use for LR storage information reply transactions to identify the quantity transferred to GIM ownership; otherwise, do not use. The quantity available for transfer is subject to the retention quantity cited in the LR storage information order.
- 2. To reverse all or part of a previously submitted LR storage information reply, use a minus sign in front of the quantity to be reversed.
- V3 Transfer Quantity

DLMS Note:

Use for LR storage information order transactions to identify the quantity to be transferred to GIM ownership; otherwise, do not use. To reverse all or part of an LR storage information order, use a minus sign in front of the quantity to be reversed.

QTY02 380 **Quantity** X R 1/15 Used 1

Description: Numeric value of quantity **Federal Note:** Express as a number with no

decimals.

004010F846S2SA02 15 November 27, 2007

| DLMS Suppler | ment to Fede | eral IC 846S Logistics Reassignment Storage Information | on Order/Reply | | ADC 66, 77, 151 and 260 | | DoD 4000.25-M |
|--------------|--------------|--|----------------|-------------|-------------------------|--------------|---------------|
| Ref | <u>ld</u> | Element Name | Req | <u>Type</u> | Min/Max | <u>Usage</u> | <u>Rep</u> |
| | | DLMS Note: A field size exceeding 5 positions (seven for FSG 13, ammunition) may not be received or understood by recipient's automated processing system. See introductory DLMS note 5d. | | | | | |
| QTY03 | C001 | Composite Unit of Measure | 0 | Comp | | Used | 1 |
| | | Description: To identify a composite unit of measure(See Figures Appendix for examples of use) | | | | | |
| | 355 | Unit or Basis for Measurement Code | М | ID | 2/2 | Must use | 1 |
| | | Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken | | | | | |
| | | Federal Note: Use to accommodate legacy system requirements. | | | | | |
| | | DLMS Note: <i>DLMS users see the Unit of Issue</i> and Purchase Unit Conversion Table for applicable codes. | | | | | |

All valid standard codes are used.

M Code Source Information

Pos: 375 Max: 1

Detail - Optional

Loop: LM Elements: 1

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Federal Note:

Use the 2/LM/375 loop to identify coded information maintained in department or agency documentation.

Element Summary:

| <u>Ref</u> | <u>ld</u> | Element Name | <u>Req</u> | <u>Type</u> | Min/Max | <u>Usage</u> | <u>Rep</u> |
|------------|-----------|-----------------------|------------|-------------|---------|--------------|------------|
| LM01 | 559 | Agency Qualifier Code | M | ID | 2/2 | Must use | 1 |

Description: Code identifying the agency assigning the code values

assigning the code

Code Name

DF Department of Defense (DoD)

LQ Industry Code

Pos: 376 Max: 100

Detail - Mandatory

Loop: LM Elements: 2

User Option (Usage): Must use

Purpose: Code to transmit standard industry codes

Syntax Rules:

1. C0102 - If LQ01 is present, then LQ02 is required.

Federal Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

| <u>Ref</u> | <u>ld</u> | Element Name | <u>Req</u> | Type | Min/Max | <u>Usage</u> | <u>Rep</u> |
|------------|-----------|--------------------------|------------|-------------|---------|--------------|------------|
| LO01 | 1270 | Code List Qualifier Code | 0 | ID | 1/3 | Used | 1 |

Description: Code identifying a specific

industry code list

Federal Note: Use any code.

DLMS Note: 1. Use either code 99 or A1 (but not both), except for ammunition where both codes may be used. Use of both codes for ammunition is a DLMS enhancement; see introductory DLMS note 5a.

2. For DLMS use, only the following codes are authorized. (Use of both codes for ammunition is a DLMS enhancement (see introductory DLMS note 5a.)

Code Name

- 78 Project Code
- 83 Supply Condition Code
- 84 Management Code
- 87 Subsistence Type of Pack Code

DLMS Note:

Use for subsistence items to identify subsistence type of pack information.

- 99 Purpose Code
- A1 Ownership Code
- A9 Supplemental Data

DLMS Note:

- 1. Use to identify supplemental address/data.
- 2. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the DLSS Supplemental Address (SUPAAD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 5d.
- 3. Expanded use of this field for supplemental data with out size restriction is a DLMS enhancement; see introductory DLMS note 5a.
- 4. Under full DLMS, the requirement to pass activity address information within the supplement data field will be streamlined. Activity address data previously contained in the SUPAAD will be reflected exclusively in the N1 segment. Future streamlined data; see introductory DLMS note 5c.

AJ Utilization Code

DLMS Note:

- 1. Under DLSS, this is the first position of the document serial number.
- 2. DLMS enhancement; see introductory DLMS note 5a.

Code Name

GQ Group Qualifier Code

DLMS Note:

Use to identify the MMAC for NSNs to be managed by a specific manager (i.e., system, program, aggregation, selected FSC, technology group). This is an Air Force-unique data element, meaningful to the Air Force only. Non-Air Force Components perpetuate without action.

A data maintenance action was approved in version 5010. The approved code/name is "MAC-Materiel Management Aggregation code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.

COG Cognizance Symbol

DLMS Note:

Use to identify the Material Cognizance symbol

(COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

IMC Item Management Code

DLMS Note:

Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

MCC Material Control Code

DLMS Note:

Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

SMI Special Material Identification Code

DLMS Note:

Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

Χ

LQ02 1271 Industry Code

AN 1/30

Used

1

Description: Code indicating a code from a specific industry code list

ADC 66, 77, 151 and 260

DoD 4000.25-M

N1 Name

Pos: 450 Max: 1

Detail - Optional

Loop: N1 Elements: 4

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Syntax Rules:

- 1. R0203 At least one of N102 or N103 is required.
- 2. P0304 If either N103 or N104 is present, then the other is required.

Comments:

- 1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2. N105 and N106 further define the type of entity in N101.

Federal Note:

Must use this 2/N1/450 loop to identify the organization to receive the transaction.

Element Summary:

| <u>R</u> | <u>ef</u> | <u>ld</u> | Element Name | <u>Req</u> | <u>Type</u> | Min/Max | <u>Usage</u> | <u>Rep</u> |
|----------|-----------|-----------|----------------------------------|------------|-------------|---------|--------------|------------|
| N | 101 | 98 | Entity Identifier Code | M | ID | 2/3 | Must use | 1 |
| | | | Description: Code identifying an | | | | | |

organizational entity, a physical location, property or an individual

Federal Note: Use any code.

DLMS Note: 1. Use only one of codes SB or

ZN.

2. For DLMS use, only the following codes are authorized.

Code Name

55 Service Manager

DLMS Note:

Army uses for intra-Army LR to identify the Secondary Inventory Control Activity (SICA) as an authorized user of the material. When there are less assets available than indicated in the LR storage information order, Army requires that the SICA quantity be filled prior to the Army GIM transfer quantity. Use of this data is meaningful to Army and DLA DSS only. Army cites data in multiuse rp 48-50 of MILSTRAP DI Codes DZC and DZD. Authorized Army/DLA DSS DLMS migration enhancement for intra-Army LR use.

A data maintenance action was approved in version 4030. The approved code/name is "SIC-Secondary Inventory Control Activity".

SB Storage Area

DLMS Note:

Use to identify a depot or other storage activity.

ZN Losing Inventory Manager

ZP Gaining Inventory Manager

DLMS Note:

Use only for LR storage ownership transfer order transactions to identify the GIM. Do not use when reversing a previously submitted transaction.

N103 66 Identification Code Qualifier X ID 1/2 Used 1

Description: Code designating the system/method of code structure used for Identification Code (67)

004010F846S2SA02 20 November 27, 2007

Code Name

1 D-U-N-S Number, Dun & Bradstreet

DLMS Note:

DLMS enhancement; see introductory DLMS note 5a.

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

DLMS Note:

DLMS enhancement; see introductory DLMS note 5a.

10 Department of Defense Activity Address Code (DODAAC)

DLMS Note:

DLMS enhancement; see introductory DLMS note 5a.

M4 Department of Defense Routing Identifier Code (RIC)

DLMS Note:

- 1. DLMS enhancement; see introductory DLMS note 5c.
- 2. The RIC is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the RIC in a full DLMS environment will be assessed at a future date. Typically under the DLMS, the RIC will be replaced with a DoDAAC or a commercial identifier.

| N104 | 67 | Identification Code | X | AN | 2/80 | Used | 1 |
|------|----|--|---|----|------|------|---|
| | | Description: Code identifying a party or other code | | | | | |
| N106 | 98 | Entity Identifier Code | 0 | ID | 2/3 | Used | 1 |

Description: Code identifying an organizational entity, a physical location, property or an individual

Code Name

TO Message To

Federal Note:

Must use with 2/N101/450 codes SB or ZN to indicate the organization cited in N104 is to receive the transaction.

SE Transaction Set Trailer

Pos: 020 Max: 1 Summary - Mandatory Loop: N/A Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

1. SE is the last segment of each transaction set.

| Ref | <u>ld</u> | Element Name | Req | <u>Type</u> | Min/Max | <u>Usage</u> | <u>Rep</u> |
|------|-----------|---|-----|-------------|---------|--------------|------------|
| SE01 | 96 | Number of Included Segments | М | N0 | 1/10 | Must use | 1 |
| | | Description: Total number of segments included in a transaction set including ST and SE segments | | | | | |
| SE02 | 329 | Transaction Set Control Number | М | AN | 4/9 | Must use | 1 |
| | | Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set | | | | | |
| | | Federal Note: Cite the same number as the one cited in ST02. | | | | | |